

WHAT IS CLAIMED IS:

1. A cladding structure, comprising a plurality of serial buses, an insulating covering layer surrounding the serial buses, a metallic plating layer mounted on the covering layer, and a metallic protective layer mounted on the
5 plating layer, wherein:

each of the serial buses includes a plurality of co-axially arranged cables;

the covering layer surrounds an outer side of the serial buses to form an insulating layer to protect the serial buses;

10 the plating layer is attached on a surface of the covering layer; and the protective layer is attached on a surface of the plating layer.

2. The cladding structure in accordance with claim 1, wherein the serial buses 1 are equally spaced from each other.

3. The cladding structure in accordance with claim 1, wherein the
15 covering layer is made of Mylar.

4. The cladding structure in accordance with claim 1, wherein the covering layer is made of PVC.

5. The cladding structure in accordance with claim 1, wherein the covering layer is made of PU.

20 6. The cladding structure in accordance with claim 1, wherein the covering layer is made of a heat-resistant material.

7. The cladding structure in accordance with claim 1, wherein the plating layer is made of a copper to prevent an electromagnetic interference.

8. The cladding structure in accordance with claim 1, wherein the plating layer is attached on the surface of the covering layer in a sputter plating
5 manner.

9. The cladding structure in accordance with claim 1, wherein the plating layer forms an electromagnetic interference isolation layer on the surface of the covering layer to prevent an electromagnetic interference.

10. The cladding structure in accordance with claim 1, wherein the protective layer is made of a wear-resistant and anti-oxidant metallic material.
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11. The cladding structure in accordance with claim 1, wherein the protective layer is made of a stainless steel.

12. The cladding structure in accordance with claim 1, wherein the protective layer is attached on the surface of the plating layer in a sputter
15 plating manner to enhance the wear-resistant and anti-oxidant strength of the surface of the plating layer.

13. The cladding structure in accordance with claim 1, further comprising an isolation layer mounted on a surface of the protective layer.

14. The cladding structure in accordance with claim 13, wherein the
20 isolation layer is made of an indium and tin oxide (ITO) to prevent an electromagnetic interference (EMI).

15. The cladding structure in accordance with claim 13, further comprising an insulating surface layer mounted on a surface of the isolation layer.

16. The cladding structure in accordance with claim 17, wherein the
5 surface layer is made of a rubber surrounding the surface of the isolation layer.

17. The cladding structure in accordance with claim 1, further comprising an insulating surface layer mounted on a surface of the protective layer.

18. The cladding structure in accordance with claim 17, wherein the
10 surface layer is made of a rubber surrounding the surface of the protective layer.